

The State Revenue Pie

Petroleum Revenue Sources, (FY 2000):

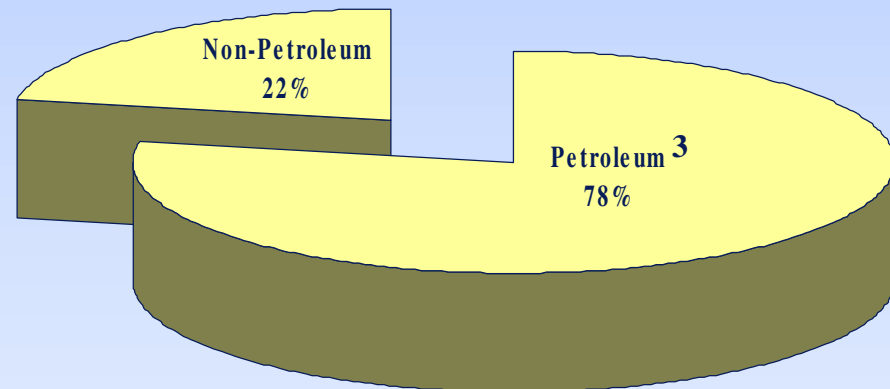
Royalties, Bonuses & Rents^{1,2}:
\$731.9 Million

Royalties to Permanent Fund &
School Fund⁴:
\$306.5 Million

Settlements to CBRF⁴:
\$448.3 Million
(Includes Royalties & Taxes)

Taxes:
\$910.4 Million²
(Oil & Gas Property Tax +
Income Tax + Severance Tax)

FY 2000 Unrestricted Revenue



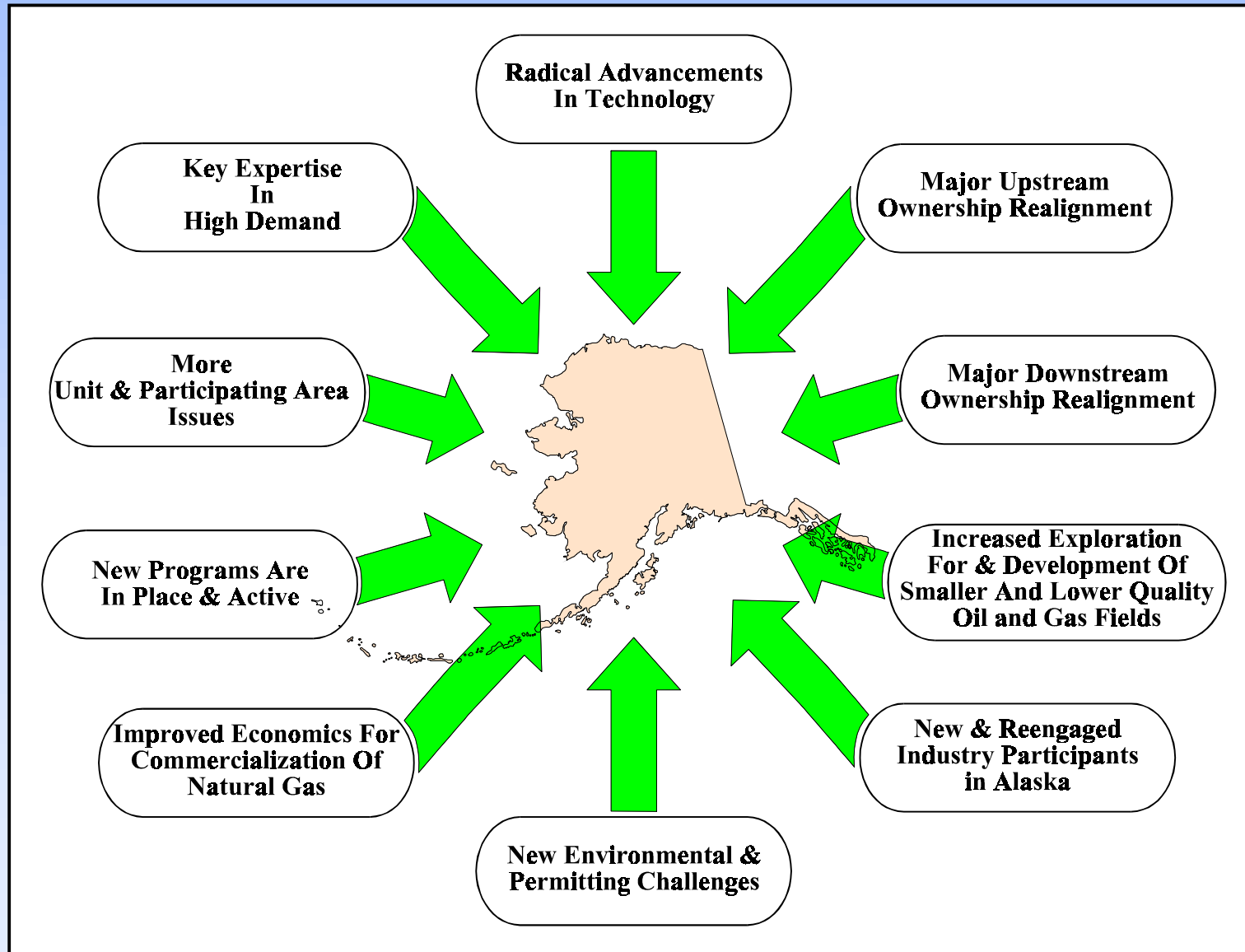
¹ Includes Federally shared rentals

² Source: pg. 25, DOR [Fall 2000 Revenue Sources Book](#)

³ Source: pg. 26, DOR [Fall 2000 Revenue Sources Book](#)

⁴ Source: pg. 23, DOR [Fall 2000 Revenue Sources Book](#)

Recent Dynamic Changes in Alaska's Oil and Gas Business



Alaska Reserves and Production

- **29% of total U.S. oil reserves.**
 - 6.4 billion barrels of oil
- **20% of total U.S. gas reserves**
 - 35 trillion cubic feet of gas
- **19% of total U.S. oil production**
 - 1.02 million barrels of oil per day

Sources: Alaska data are from Department of Natural Resources, Division of Oil and Gas, 2000 Annual Report
U.S. data are from U.S. Crude Oil, Natural Gas, and NGL Reserves, 1999 Annual Report, U.S.D.O.E.-E.I.A.

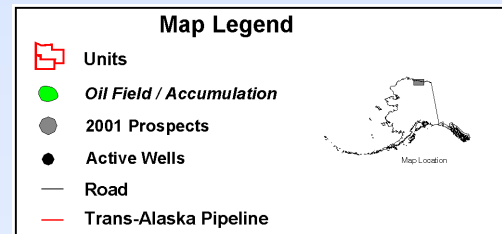
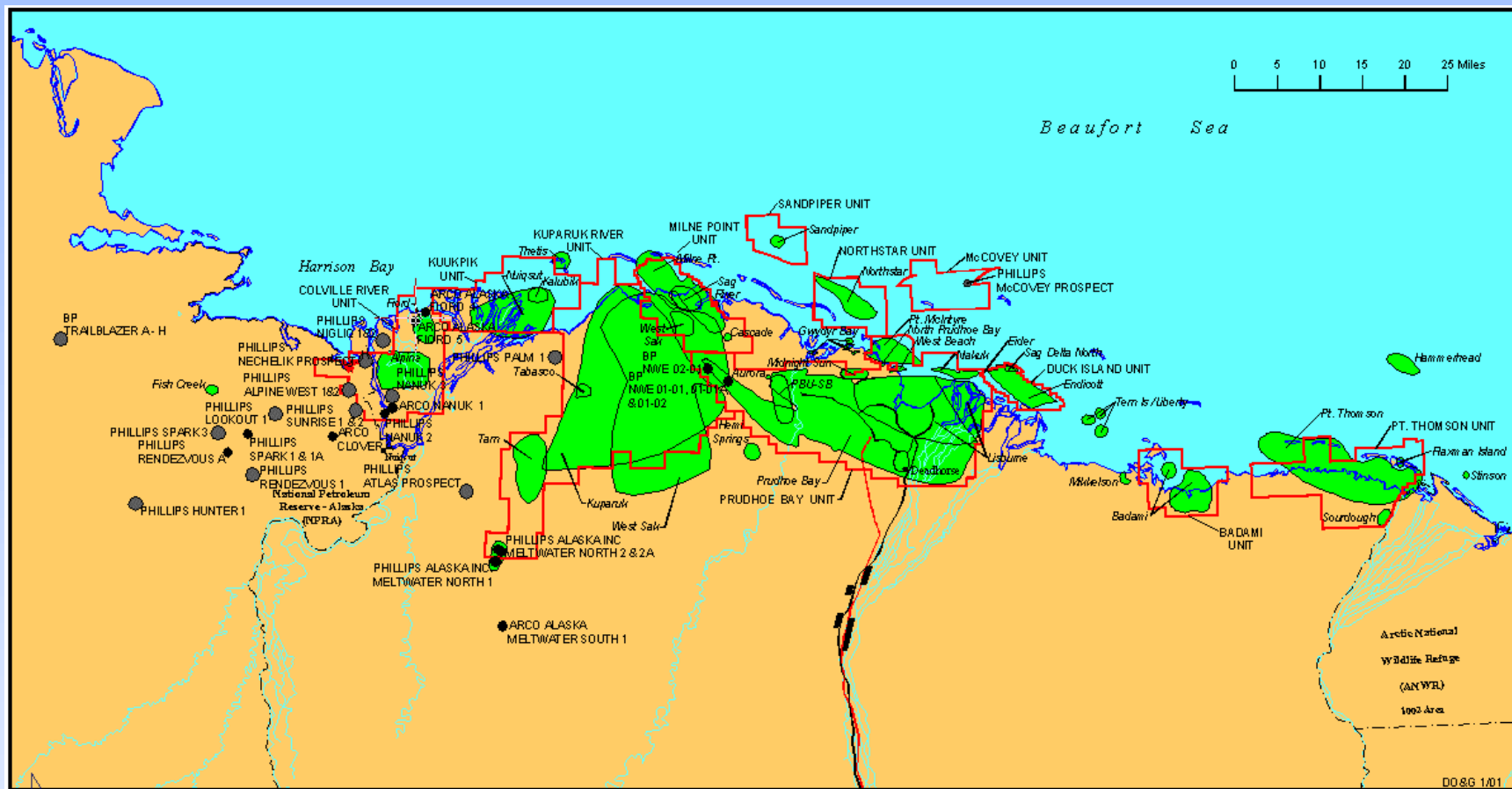
Proved Gas Reserves

Gas Reserves (BCF)

North Slope

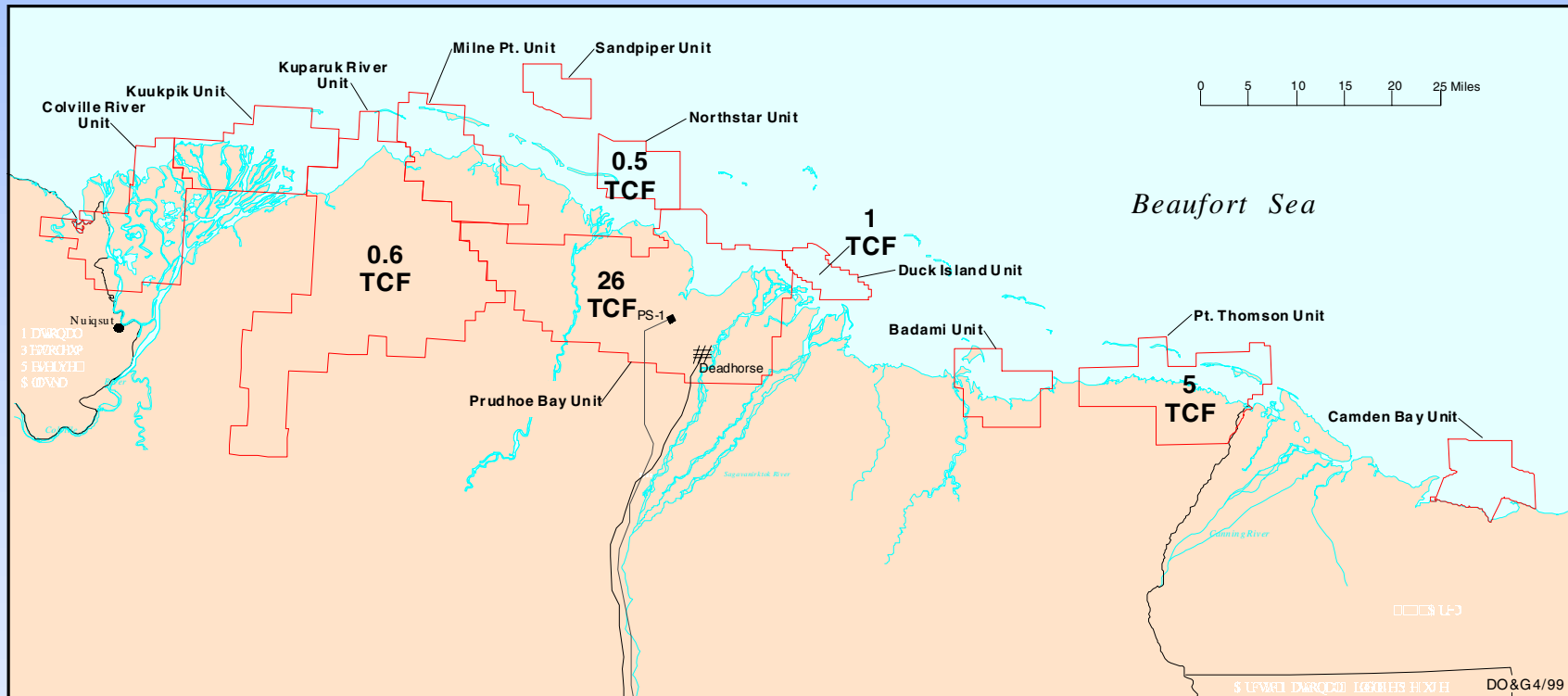
Badami Unit	39
Barrow	34
Colville River Unit	60
Duck Island Unit	843
Kuparuk River Unit	611
Milne Point Unit	14
North Star	450
Prudhoe Bay Unit	23,879
Other Undeveloped	<u>5,000</u>
TOTAL North Slope	30,930
Cook Inlet	<u>2,564</u>
TOTAL STATE	33,494

Proposed North Slope Activity - 2001



North Slope Gas Resources

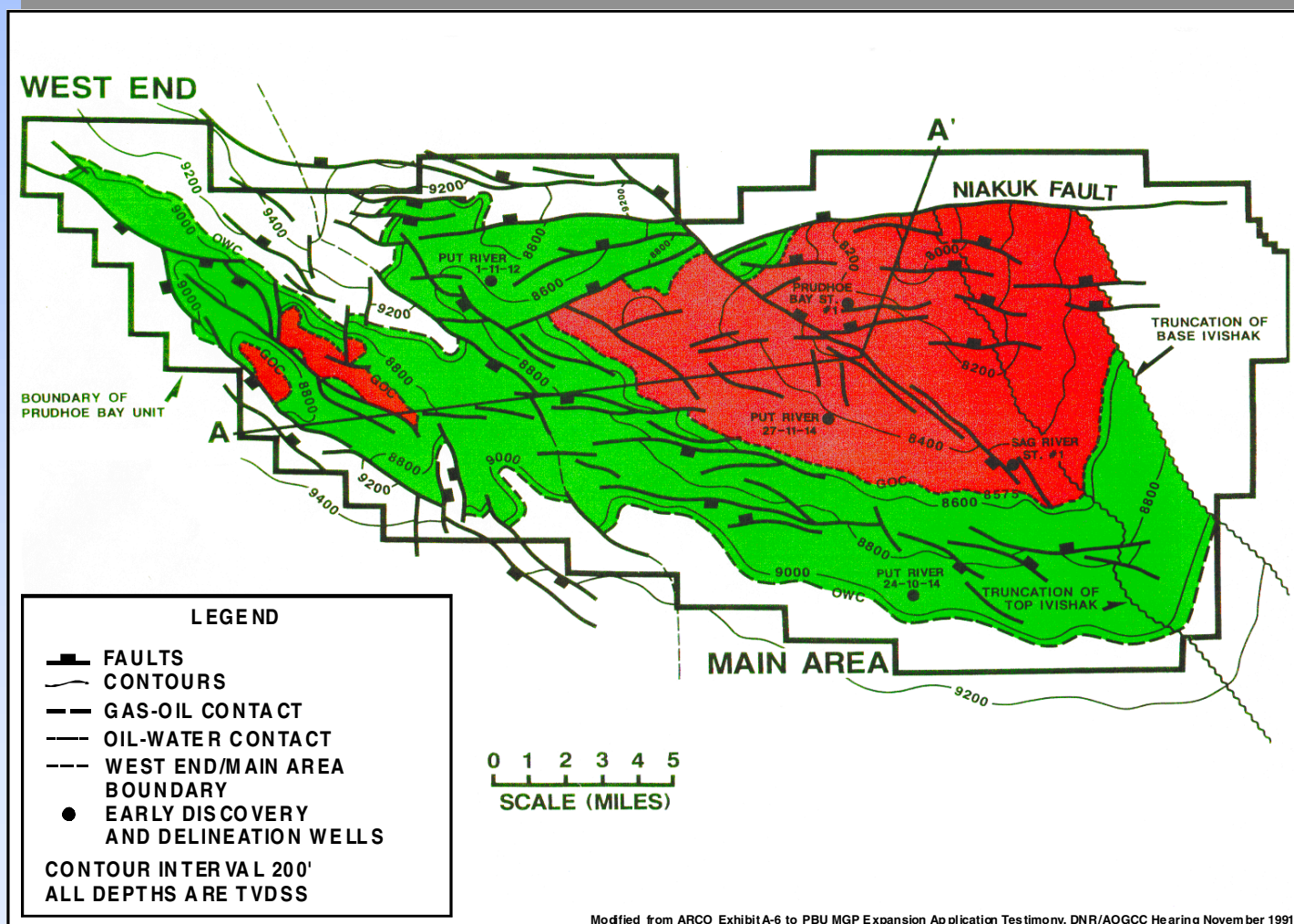
Prudhoe Bay Field is the Primary North Slope Gas Resource



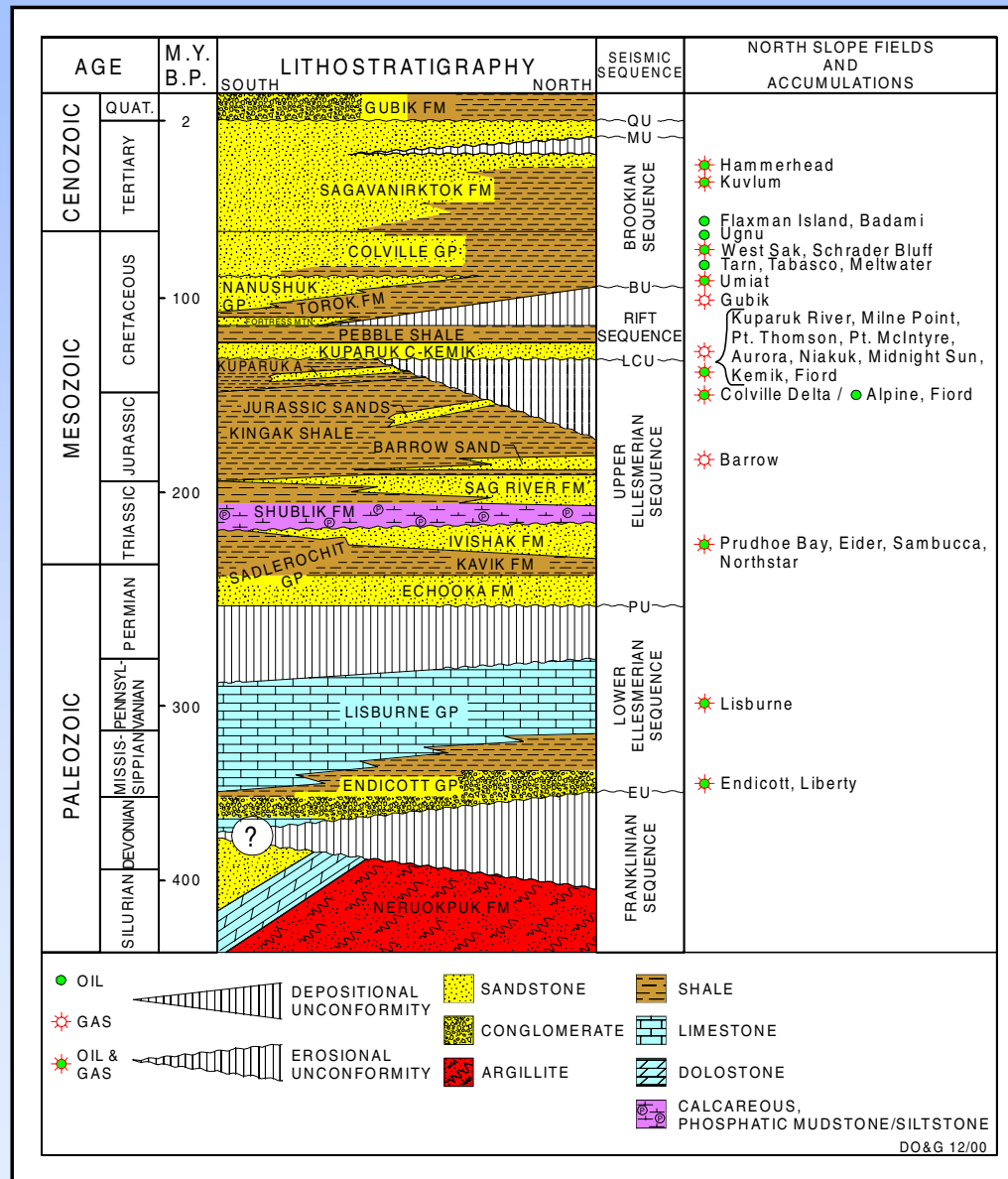
- Proposed**
- Division of Oil and Gas Studies-**
 - Public Consultant Studies**
 - Address Four Key Issues:**
 - In-State Demand**
 - Royalty Gas Valuation**
 - Prudhoe Bay – Pt. Thomson Reservoirs**
 - Potential Undiscovered Resources**

Prudhoe Bay Field

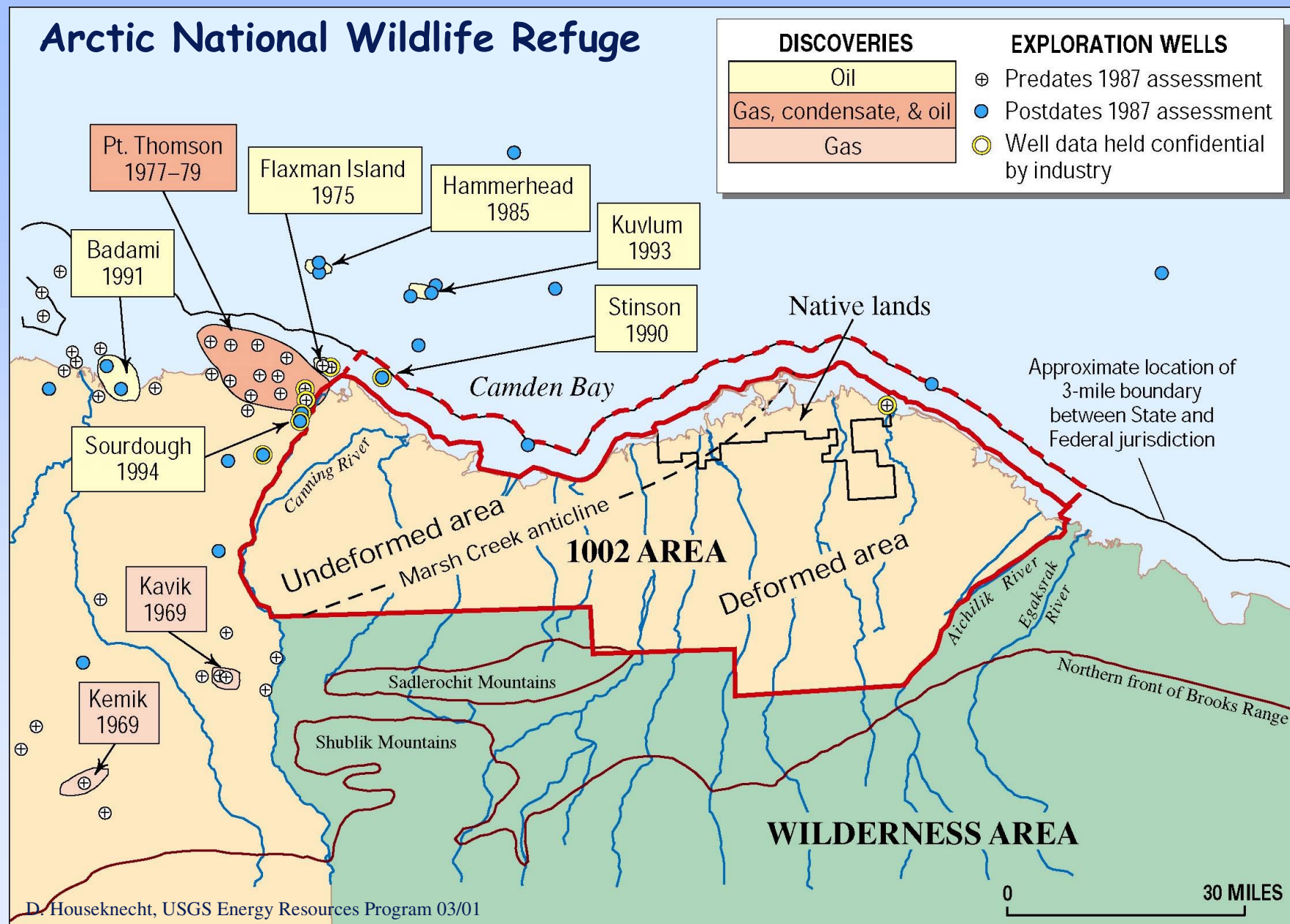
Top Ivishak Structure



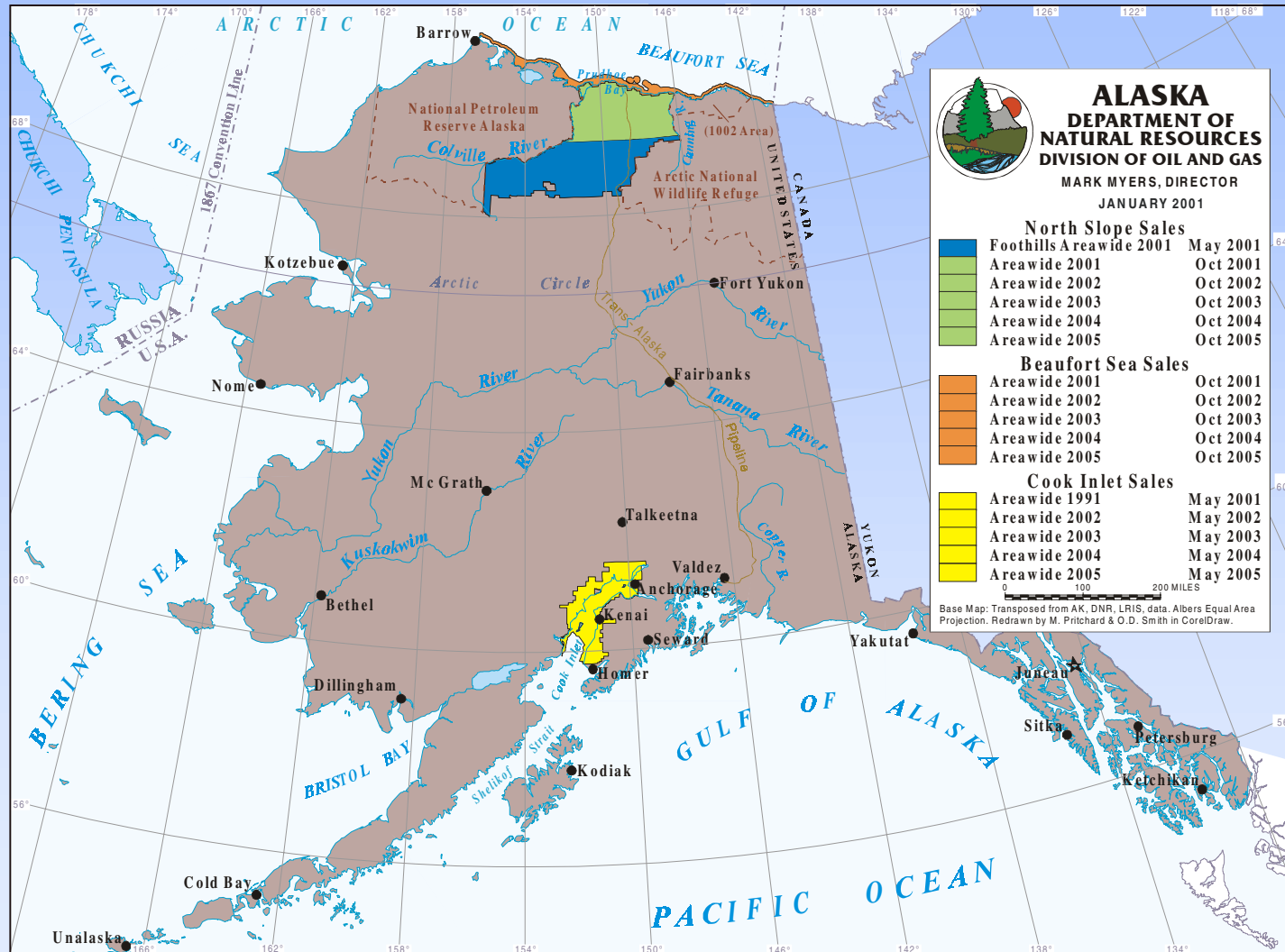
Generalized North Slope stratigraphic column displaying oil and gas reservoirs and associated accumulations



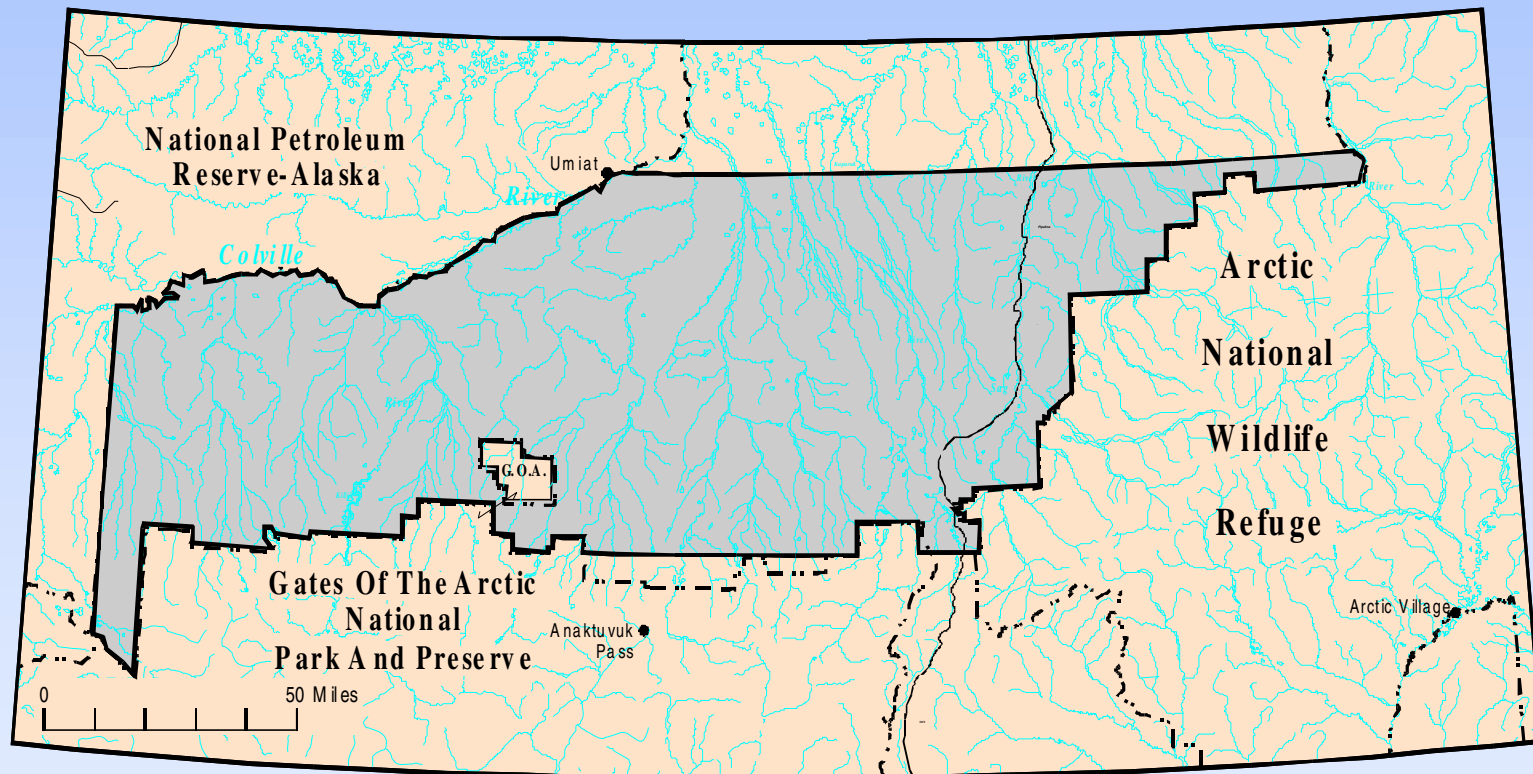
Arctic National Wildlife Refuge



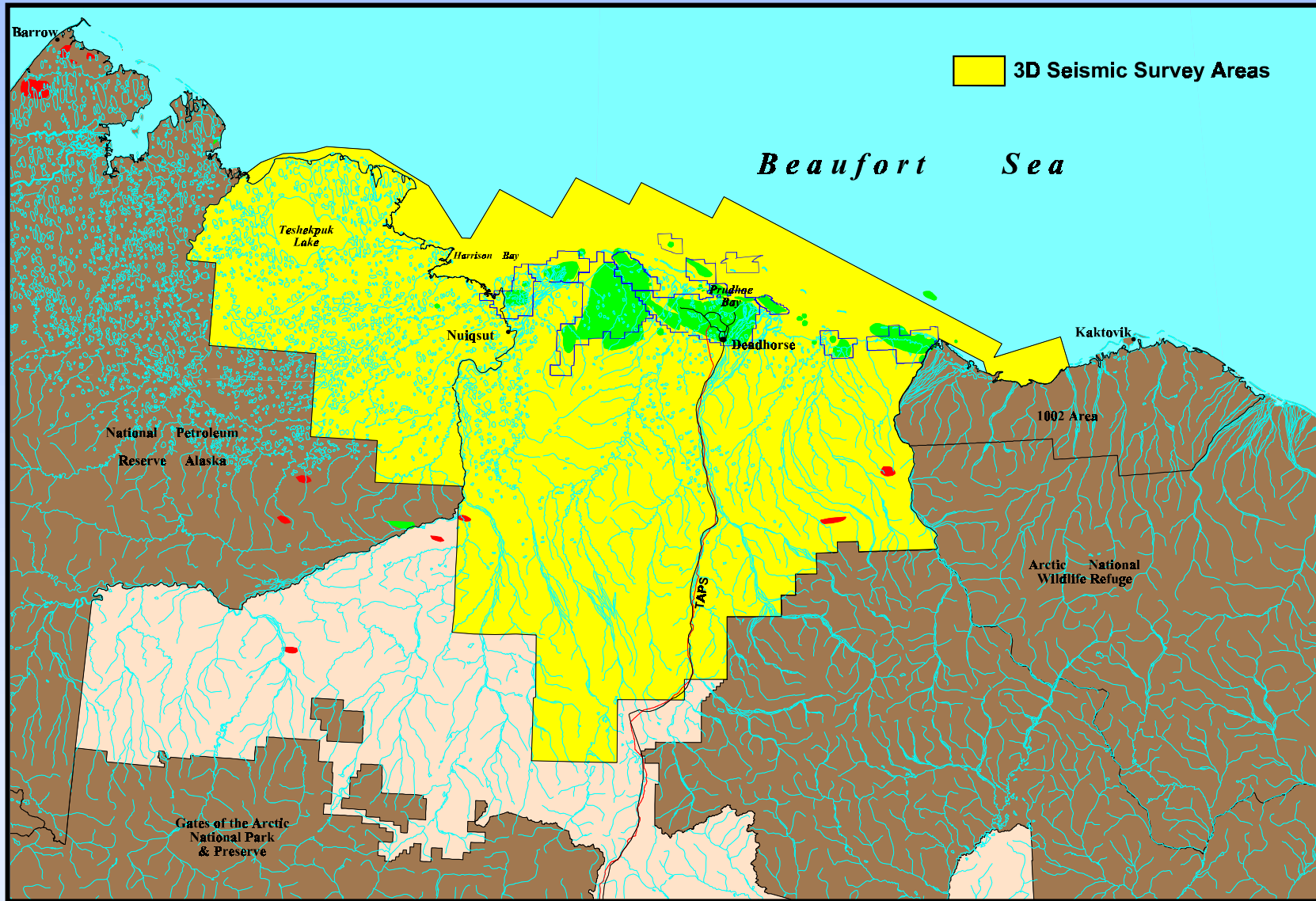
Alaska Oil & Gas Leasing Program



North Slope Foothills Areawide 2001

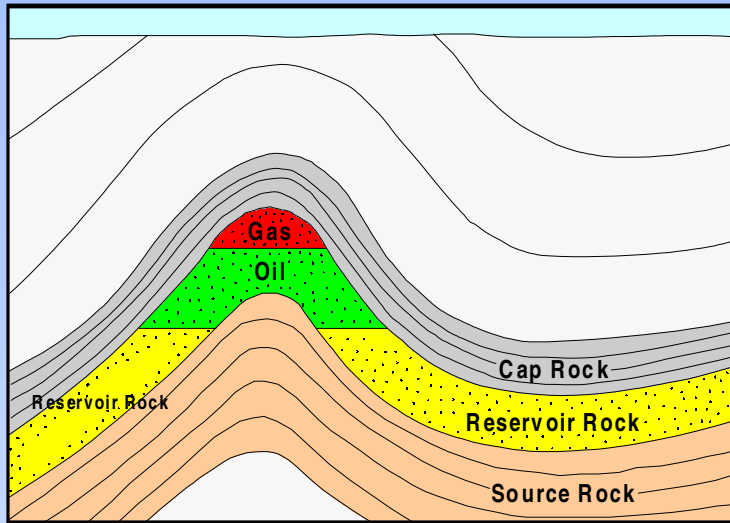


North Slope 3-D Seismic Survey Areas

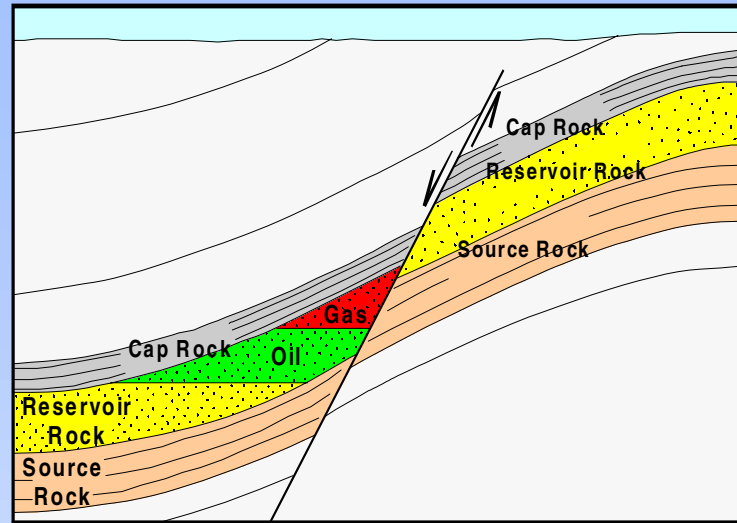


Oil and Gas Trapping Mechanisms

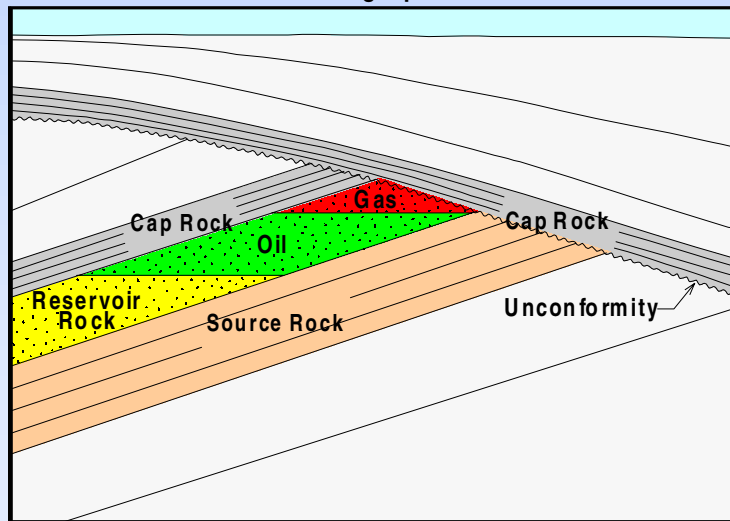
Anticline



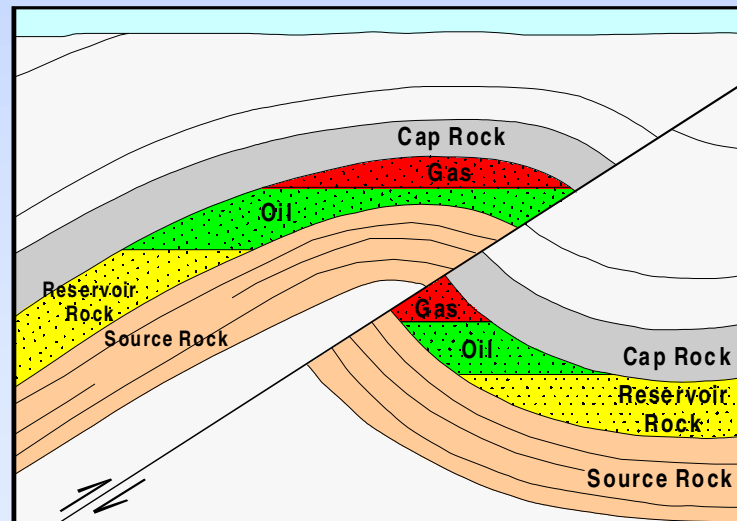
Normal Fault



Stratigraphic

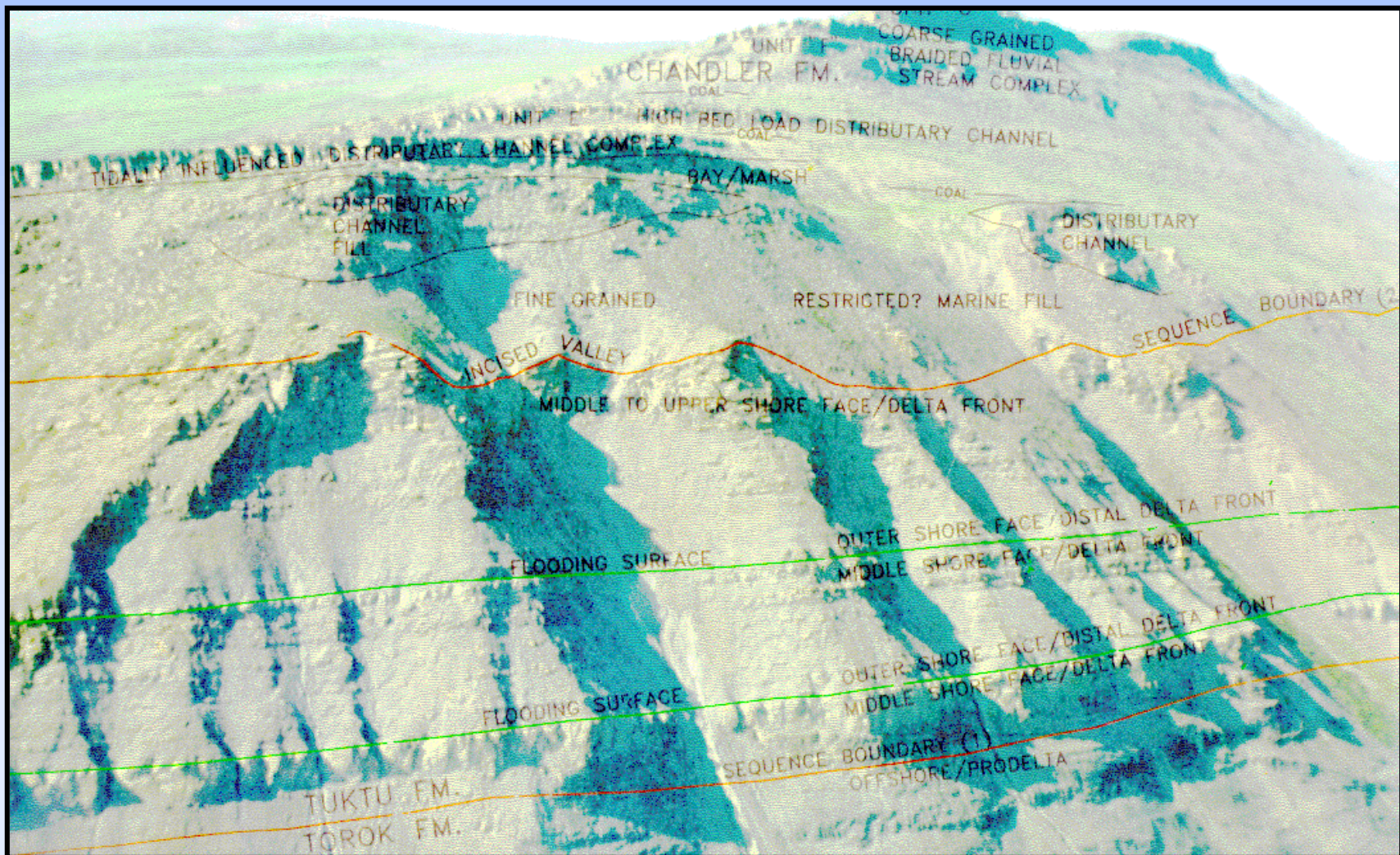


Thrust Fault

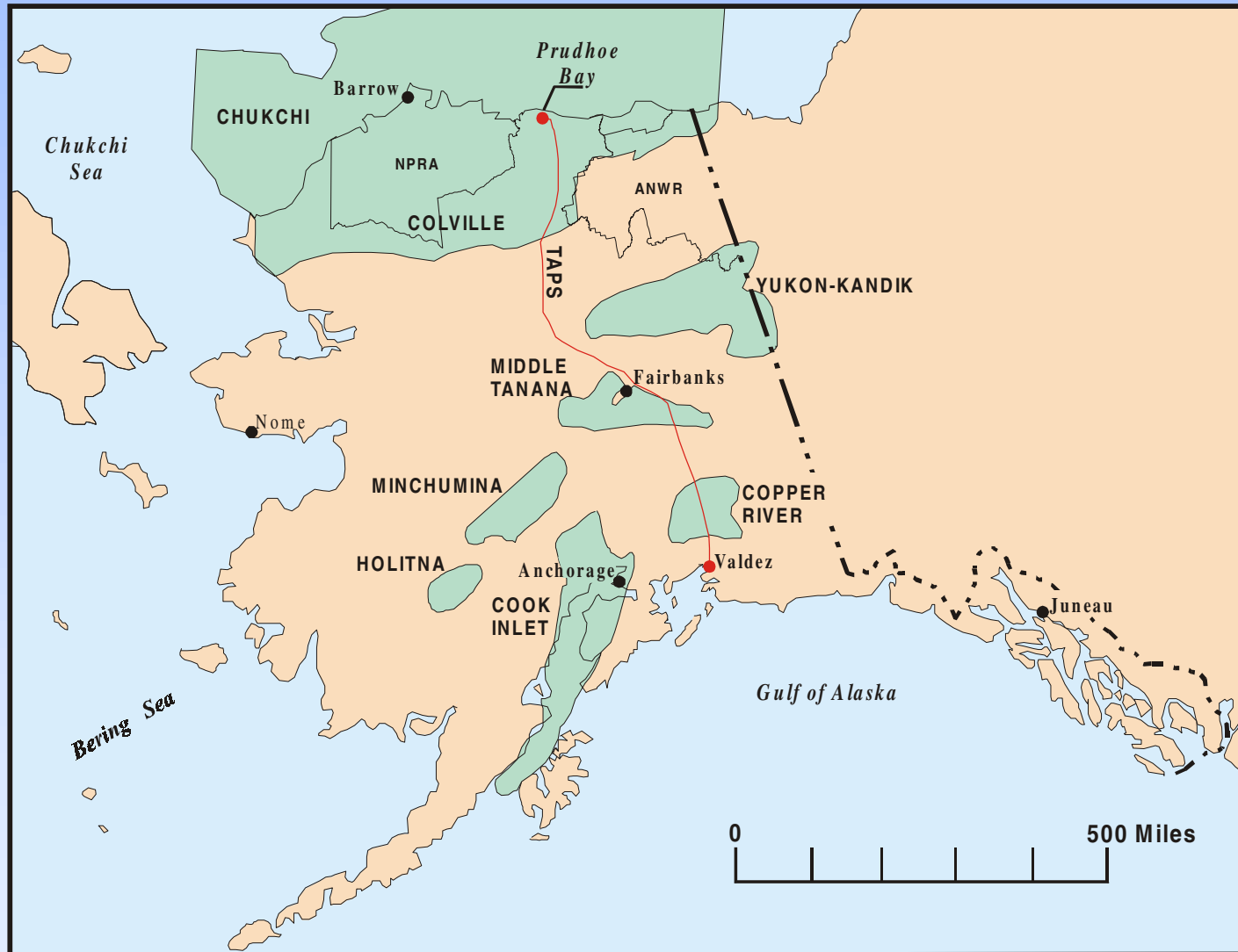


North Slope Foothills

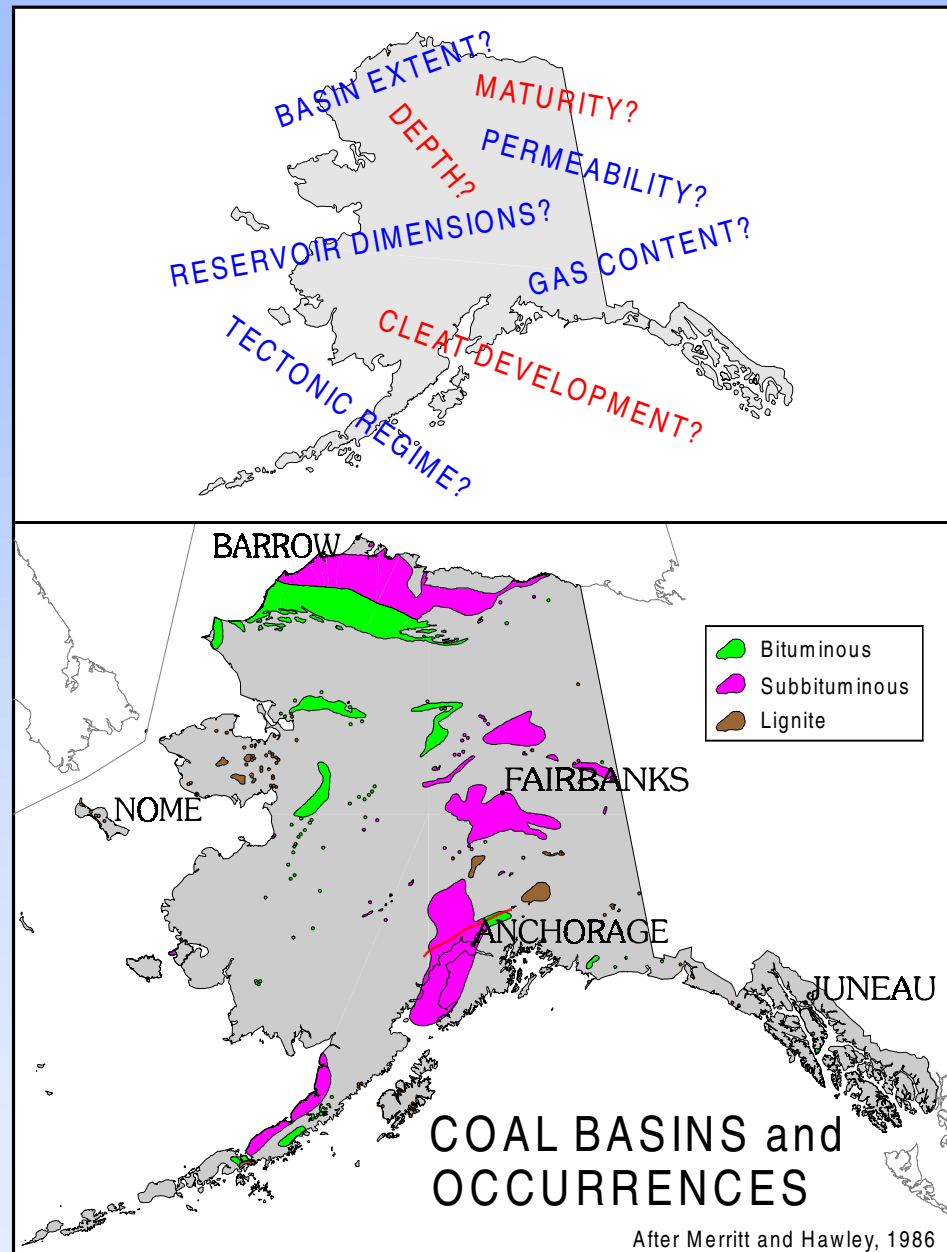
Cretaceous Depositional System Study



Alaska's Onshore Basins



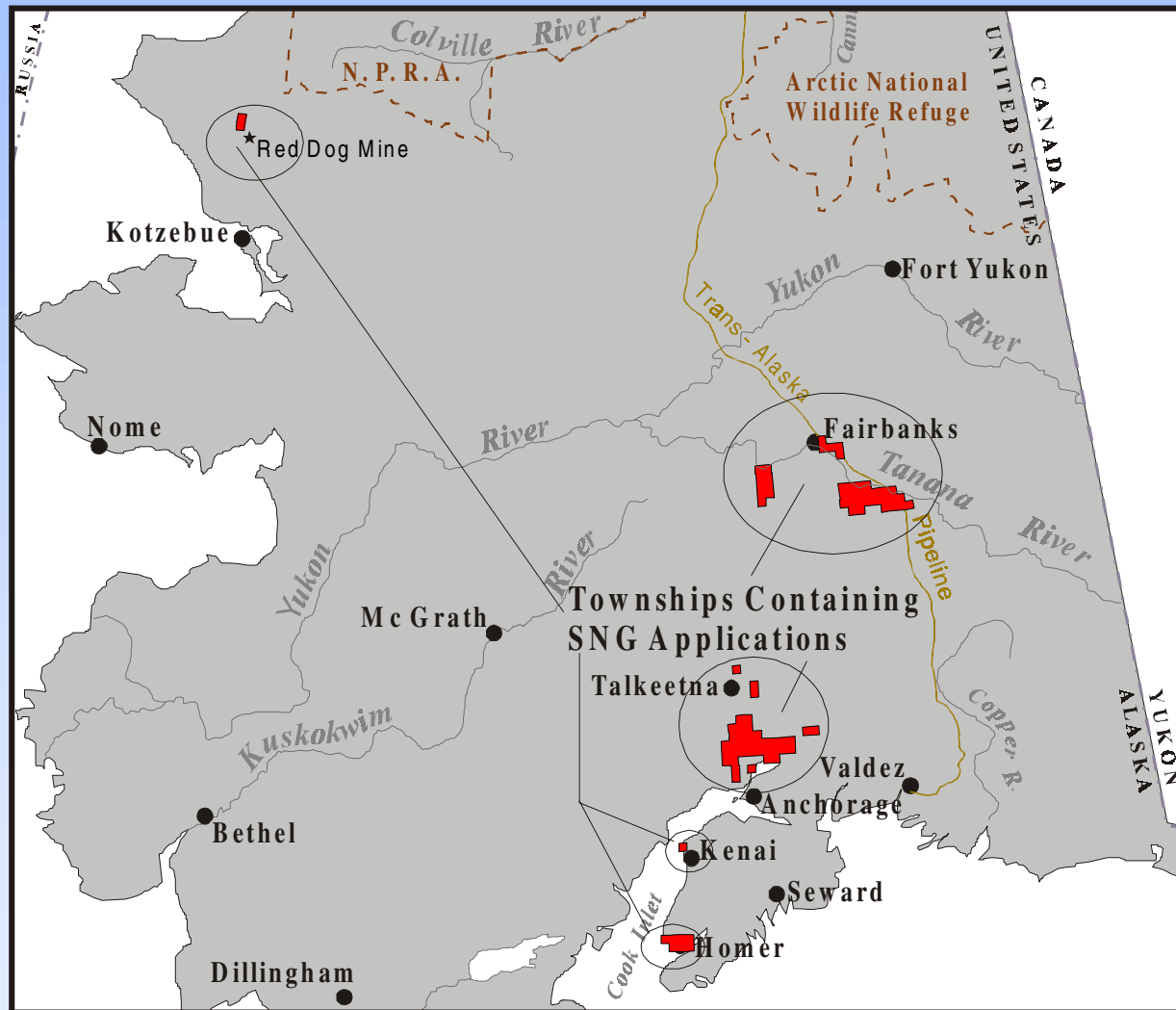
Coalbed Methane Potential in Alaska



AK CBM-1 Well rig Shallow Gas Exploration



Shallow Natural Gas Lease Applications



Exploration Licensing

Issued -- Copper River Basin

- State's first license: Issued October 1, 2000
- Anschutz Exploration Corp
- 318,756 Acres
- Exploration commitment: \$1.42 million
- Term of license: 5 years

Proposed -- Susitna Valley

- Forest Oil Corp (Forcenergy Inc.) submitted two proposals
- 474,240 Acres each, located west of the Susitna River
- Exploration commitment for each: \$3 million
- DNR will determine terms of licenses & final configurations
- Preliminary Best Interest Finding (BIF) to be issued in April
- Final BIF and Decision to be issued in October

Interior Basin Studies

Nelchina Limestone, Copper River Basin